

NCDOT Prioritization 3.0 Project Summary

Status: Submitted **SPOT ID:** H090848 Mode: Highway

NC-62 (New Route - NC 62 Bypass)

From/Cross Street: East of NC 62 in Alamance Specific Improvement Type: 5 - Construct Roadway on New

Location

To: Kirkpatrick Road, North of Alamance Project Category: Regional Impact

TIP#: **Length: 1.46**

Fully Funded in Draft STIP?

Cost to NCDOT: \$15,991,000

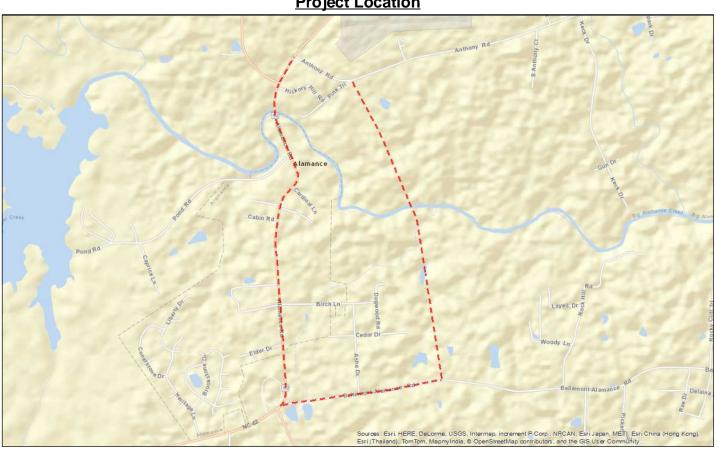
Description:

New Location. East of Existing NC 62 Route in Village of Alamance. Multi-Lane Facility with Sidewalks and Mast Arm Signal Poles

Division(s): Division 7 County(s): ALAMANCE

MPOS(s)/RPO(s): Burlington Graham MPO

Project Location



Highway 1/4 09/24/2014 11:04 AM

Statewide	Mobility	y Total	Score:	0
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Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 30.57

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) Accessibility / Connectivity (10%) [Travel Time] Benefit/Cost (25%) Totals: Weight: 70% Weighted Score	35.27 51.53 5.57 4.18 e: 15.57	Percent: 15% Points: 0	Percent: 15% Points: 100

Division Needs Total Score: 13.04

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 50% Weighted Score	35.27 51.53 4.18 e: 13.04	Percent: 25% Points: 0	Percent: 25% Points: 0

09/24/2014 11:04 AM Highway **2/4**

Project Data *

Existing Conditions

Existing Cross-Section: 42 Speed Limit: 2.5 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Minor Arterial Rolling Terrain Type: Lane Width: 11 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 8357.81 15707.09 Capacity: Volume/Capacity Ratio: 0.53 94% % Autos: % Trucks: 6% Truck Volume: 527.85 Crash Density: 72.23 53.74 Crash Severity: 28.63 Critical Crash Rate: 0 Crash Frequency: 0 Severity Index: 2 County Tier Designation: Non-Interstate STRAHNET No Route? 20 Average Commuting Time: Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 60 Actual Congested Speed: 25.65

1.12

Travel Time Index:

Project Benefits

4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
40
1.46
Arterial
Partial
Minor Arterial
Rolling
12
4
2957782.9
2770981.29
186801.61
No
No
No
Division 7

09/24/2014 11:04 AM Highway **3/4**

^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 7	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Burlington Graham MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$15,390,000	TIP Unit
Right-of-Way Cost:	\$537,000	Cost Estimation Tool
Utilities Cost:	\$64,000	Cost Estimation Tool
Total Project Cost:	\$15,991,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$15,991,000	

09/24/2014 11:04 AM Highway **4/4**